

Message Text

UNCLASSIFIED

PAGE 01 TOKYO 12491 261220Z

50

ACTION PM-07

INFO OCT-01 EA-11 ISO-00 ACDA-19 CIAE-00 INR-11 IO-14 L-03

NSAE-00 NSC-07 RSC-01 SCI-06 FEAE-00 OMB-01 EUR-25

H-03 PA-04 PRS-01 SP-03 SS-20 USIA-15 DRC-01 /153 W

----- 024284

P 260901Z SEP 74

FM AMEMBASSY TOKYO

TO SECSTATE WASHDC PRIORITY 4824

AEC GERMANTOWN

SECDEF WASHDC

CNO WASHDC

CINCPAC HONOLULU HI

COMUSJAPAN FUCHU JAPAN

COMNAVFORJAPAN YOKOSUKA JAPAN

UNCLAS TOKYO 12491

E.O. 11652: N/A

TAGS: TECH, ATRN, JA

SUBJECT: JAPAN NUCLEAR SHIP MUTSU

REF: 1. TOKYO 11688 2. TOKYO 12132

A. THE SCIENCE AND TECHNOLOGY MUTSU RADIATION SHIELD
TECHNICAL SUBCOMMITTEE WAS ESTABLISHED ON SEPTEMBER 12
TO INVESTIGATE THE CAUSE OF EXCESSIVE RADIATION MEASURED
OUTSIDE THE MUTSU'S SHIELDING DURING STARTUP TESTS OF
THE REACTOR. THE NINE-PERSON COMMITTEE, CHAIRED BY
PROF. YOSHIO ANDO OF TOKYO UNIVERSITY, MADE AN INTERIM
REPORT AVAILABLE TO TOKYO AEC THROUGH THE JAEB ON
SEPT. 25. THEIR CONCLUSIONS FOLLOW:

1. LEAKAGE WAS PRIMARILY IN THE VERTICAL DIRECTION
THROUGH THE GAP BETWEEN THE REACTOR PRESSURE VESSEL AND
THE PRIMARY SHIELD. LEAKAGE IN THE UPWARD DIRECTION WAS
RELATIVELY GREAT. LEAKAGE THROUGH THE INSTRUMENTATION THIMBLES
SEEMS TO HAVE BEEN MAKING SOME CONTRIBUTION.

UNCLASSIFIED

UNCLASSIFIED

PAGE 02 TOKYO 12491 261220Z

2. GAMMA DOSES IN THE REACTOR CONTAINMENT VESSEL DO NOT POSE A PROBLEM.

3. NO SIGNIFICANT ACTIVATION OF MATERIALS DUE TO THE NEUTRON LEAKS WAS FOUND.

4. REPAIRS AT SEA ARE JUDGED TO BE IMPOSSIBLE.

5. THE SECONDARY SHIELD AT THE TOP OF THE REACTOR CONTAINMENT VESSEL WAS FUNCTIONING AS EXPECTED.

B. THE SUBCOMMITTEE IS EXPECTED TO MAKE A FINAL CONCLUSION AND REPORT AFTER THE SHIELDING SPECIALISTS HAVE COMPLETED THEIR ANALYSIS.
HODGSON

UNCLASSIFIED

NNN

Message Attributes

Automatic Decaptioning: X
Capture Date: 01 JAN 1994
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: NUCLEAR ENERGY, MATSU, NUCLEAR POWERED SHIPS, NUCLEAR SAFETY, POLITICAL PARTIES, NUCLEAR HAZARDS
Control Number: n/a
Copy: SINGLE
Draft Date: 26 SEP 1974
Decaption Date: 01 JAN 1960
Decaption Note:
Disposition Action: n/a
Disposition Approved on Date:
Disposition Authority: n/a
Disposition Case Number: n/a
Disposition Comment:
Disposition Date: 01 JAN 1960
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1974TOKYO12491
Document Source: CORE
Document Unique ID: 00
Drafter: n/a
Enclosure: n/a
Executive Order: N/A
Errors: N/A
Film Number: D740271-0687
From: TOKYO
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1974/newtext/t19740910/aaaaahze.tel
Line Count: 76
Locator: TEXT ON-LINE, ON MICROFILM
Office: ACTION PM
Original Classification: UNCLASSIFIED
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 2
Previous Channel Indicators:
Previous Classification: n/a
Previous Handling Restrictions: n/a
Reference: 1. TOKYO 11688 2. TOKYO 12132
Review Action: RELEASED, APPROVED
Review Authority: martinjw
Review Comment: n/a
Review Content Flags:
Review Date: 27 JUN 2002
Review Event:
Review Exemptions: n/a
Review History: RELEASED <27 JUN 2002 by maustmc>; APPROVED <04 FEB 2003 by martinjw>
Review Markings:

Declassified/Released
US Department of State
EO Systematic Review
30 JUN 2005

Review Media Identifier:
Review Referrals: n/a
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
Secure: OPEN
Status: NATIVE
Subject: JAPAN NUCLEAR SHIP MUTSU
TAGS: TECH, ATRN, JA
To: STATE
Type: TE
Markings: Declassified/Released US Department of State EO Systematic Review 30 JUN 2005